

ARBUZOVA, I.A.; YEFREMOVA, V.N.; FEDOROVA, Ye.F.; YELISEYEVA, A.G.; ZINDER, M.F.

Synthesis of reactive polymers. Reactions of addition of the epoxide ring to the carboxyl group in polymers. Vysokom. soed. 7 no.6:1024-1026 Je '65. (MIRA 18:9)

1. Institut vysokomolekulyarnykh soyedineniy AN SSSR.

S/030/60/000/009/005/016
B021/B056

AUTHORS: Andreyev, N. D., Candidate of Philological Sciences,
Zinder, L. R., Doctor of Philological Sciences

TITLE: News in Applied Linguistics 10

PERIODICAL: Vestnik Akademii nauk SSSR, 1960, No. 9, pp. 65 - 72

TEXT: Recently, the field of the practical application of linguistics has been considerably extended due to the introduction of new technical means, but many problems have hitherto remained unsolved. In the present paper, some results and prospects of research are studied. For the purpose of measuring the distinctness of transmission, the method of articulation is at present being used. Thanks to the joint endeavors made by engineers of postal service and telecommunications and by linguistic research workers, considerable practical results have been attained. The problem of transmitting signals by means of language, the control of machines by means of language, and the production of reading and acoustic apparatus are mentioned. Success has been attained in the synthesis of language, as may be seen from Ref. 1. Mechanical translation attracted

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News in Applied Linguistics

S/030/60/000/009/005/016
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the attention of not only linguistic research workers, but also that of mathematicians, experts in the fields of logic and computer technique. The best means of realizing mechanical translation consists in translating by means of a so-called intermediate language. In the field of mechanical translation, Soviet science is considered to be leading (Ref. 2). Work in the field of the production of information machines and the creation of information languages are still in the initial stage (Ref. 3). For the purpose of solving the problem of information storage, close collaboration between linguistic research workers, experts in the field of logic and representatives of the respective branches of science, technology, and production is necessary. This problem is connected with questions of standardization of the present scientific terminology and the formation of a new one. The authors consider the compilation of dictionaries based upon word frequency as urgent. In this connection, the papers by A. A. Markov (Ref. 4), A. N. Kolmogorov, and A. A. Lyapunov as well as those of their pupils (Ref. 5) are mentioned. The application of the theory of algorithms in linguistic science proved to be useful. The group of algorithmic methods also comprises the so-called transformation analysis. Finally, the authors come to the conclusion that the new

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application of linguistics also brought forth new research methods which extend the scope of tasks to be performed by linguistic research scientists and by representatives of the exact sciences. There are 5 Soviet references.

Card 3/3

ARBUZOVA, I.A.; YEFREMova, V.N.; YELISEYEVA, A.G.; ZINDER, M.P.

Cyclic polymerization of glycidol esters of unsaturated acids in the presence of ionic catalysts. Vysokomol. soed. 5 no.12:1819-1823 D '63. (MIRA 17:1)

1. Institut vysokomolekulyarnykh svedineniy AN SSSR.

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

Zinder, E. I.: RADIOPHONY CLAYE OF THE POLONIUM
POLYMER. (U) (S) (TS) (TS) (TS) (TS) (TS) (TS)
description of analysis, properties, etc. is given; the
Pologi claye are used in the refractories industry.

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CIA-RDP86-00513R002065220003-1"

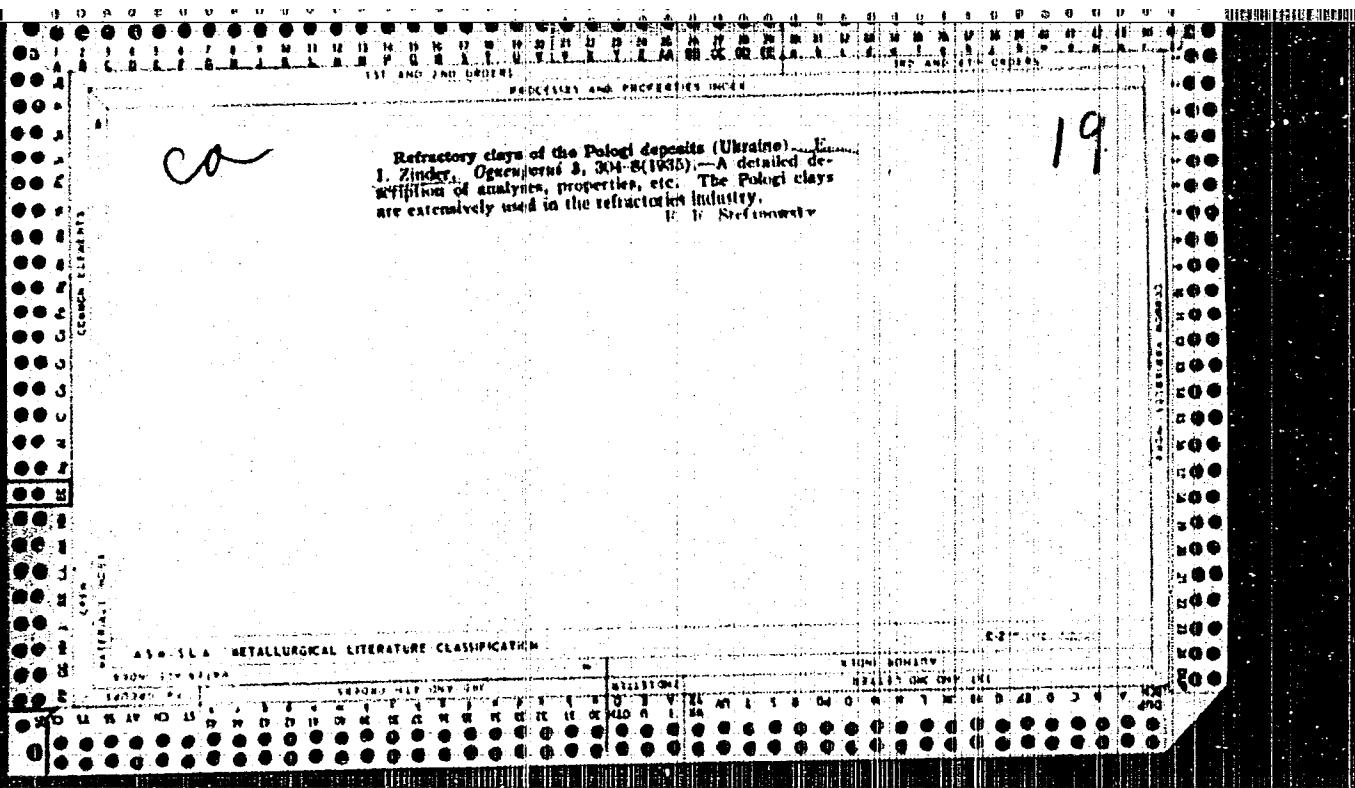
"APPROVED FOR RELEASE: 07/16/2001

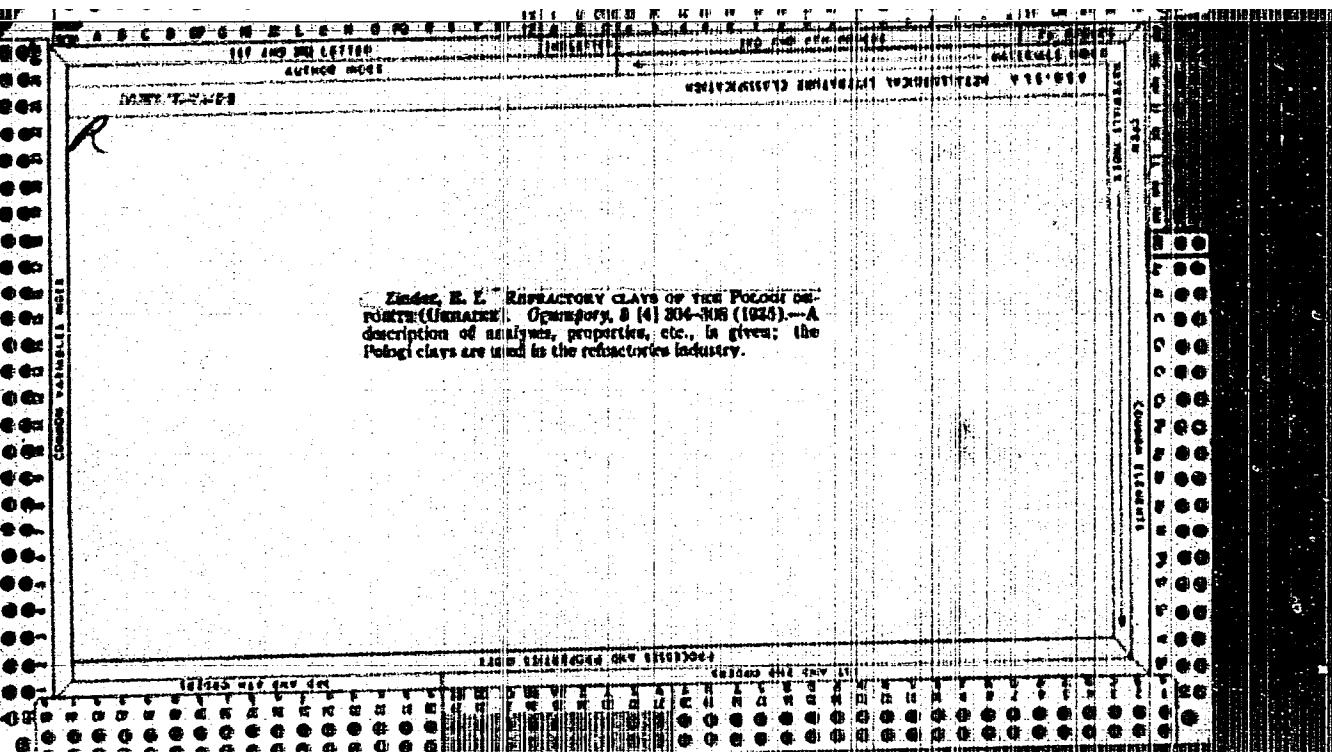
CIA-RDP86-00513R002065220003-1

~~Study of the physical properties of the following materials.~~
~~A detailed description of analyses, properties, etc., is given; the~~
~~physical structure used in the armaments industry.~~

APPROVED FOR RELEASE: 07/16/2001

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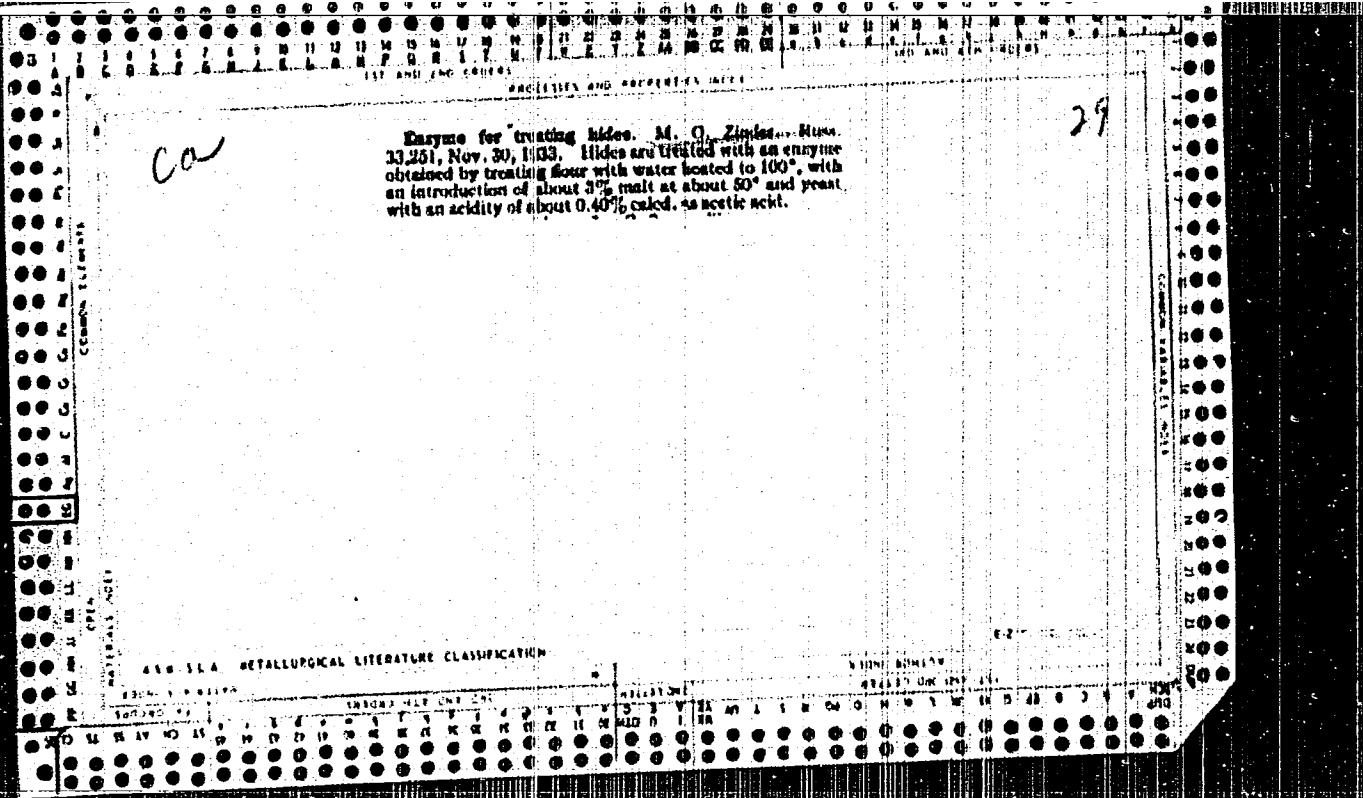


CA

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Russian methods of manufacturing tanned leather. B. CHARIT AND M. ZINDNER
Vestnik Krasnoyarsk Prost. Torgov. 1930, 319. J. Intern. Soc. Leather Trade Chem. 1931,
78 (1931).—Four processes are described.

AMERICAN DOCUMENTAL LITERATURE CLASSIFICATION



BC

B21

TRANSMISSION OF ARTICLES, INSTRUMENTS, MAPS OR A SECRET, A CLASSIFIED
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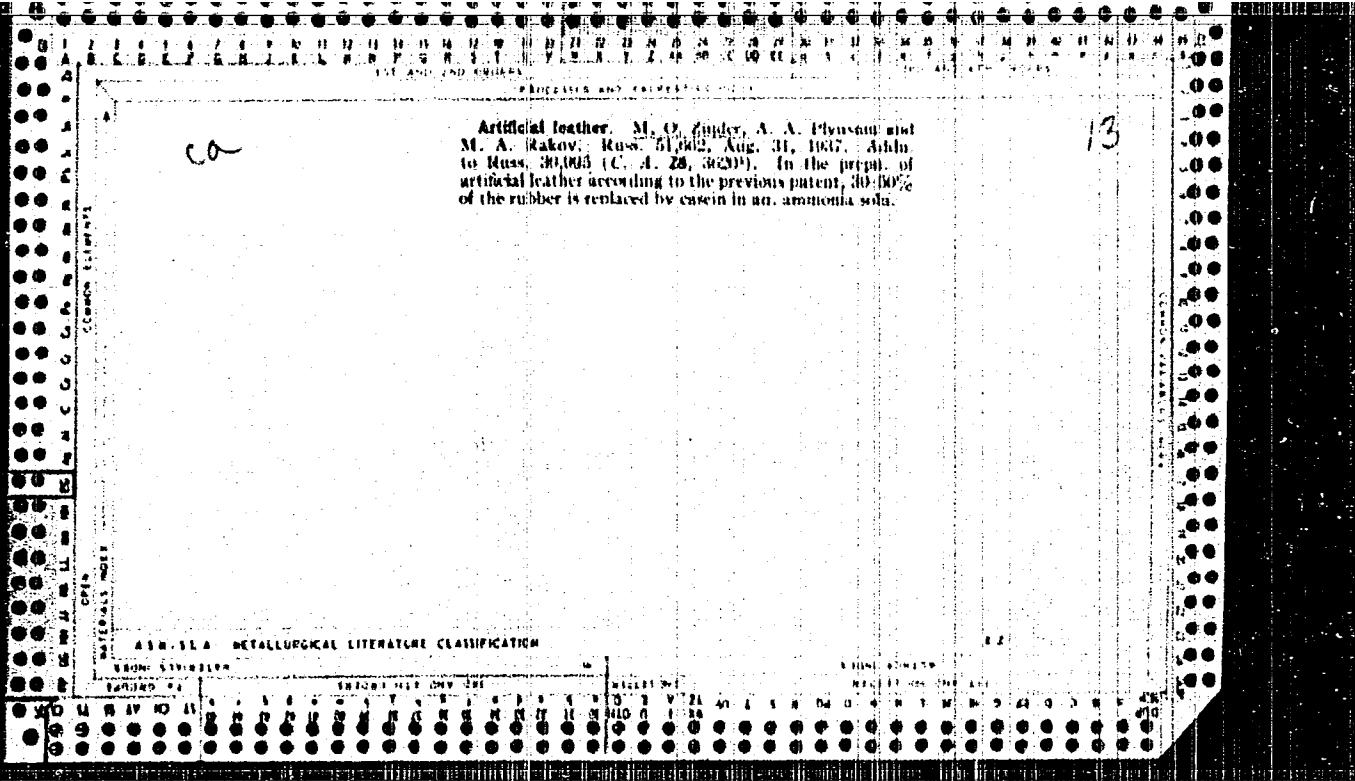
400-000 METALLURGICAL INVESTIGATIONS CLASSIFICATION

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CLASSIFICATION	EXPIRATION DATE
REFINED CO	1990-01-01

EXPIRATION DATE

CLASSIFICATION	EXPIRATION DATE
REFINED CO	1990-01-01



ZINENBERG, M. S.

Measures for soil erosion control in the south of the Ukraine.
Zemledelie 24 no.9:49-51 .S '62. (MIFM 15:10)

1. Odesskiy sel'skokhozyaystvennyy institut.

(Odessa Province—Soil conservation)

ZINENBERG, M.S., kand.med.nauk

Hearing aids. Zdorov'e 5 no.9:19-20 s '59. (MIRA 12:11)
(HEARING AIDS)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINENBERG, M.S.

ZINENBERG, M.S., kand.med.nauk

Take care of your hearing. Zdorov'e 4 no.2:12-13 F '58. (MIRA 11:2)
(EAR-CARE AND HYGIENE)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINENBERG, M. S.

Dissertation: "Diagnostic Significance of Ranges of Sound Penetrability of Bone." Cand
Med Sci, Central Inst for the Advanced Training of Physicians, 20 Apr 54. (Vechernyaya
Moskva, Moscow, 9 Apr 54)

SO: SUM 243, 19 Oct 1954

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINENBERG, M.S., kandidat meditsinskikh nauk

Diagnostic significance of the range of sound conductivity of bones.
Vest.otorin. 18 no.2:27-35 Mr-Ap '56. (MIRA 9:?)

1. Iz Nauchno-issledovatel'skogo instituta ukha, gorya i nosa (dir.-zасluzhennyy deyatel' nauki prof. V.X.Trutnev) Ministerstva zdravookhraneniya RSFSR.

(BORES, physiol.

sound-conducting capacity)

(SOUNDS

same)

ZINNENKO, M.S., kandidat meditsinskikh nauk

Hearing function in otitis media. Vest. oto-rin. 17 no.5:13-17
S-0 '55. (MIRA 9:2)

1. Iz polikliniki po lecheniyu rasstraystv sluchha i ruchi, Moscow
(OTITIS MEDIA, pathology,
hearing)
(HEARING, in various diseases,
otitis media)

ZINENBERG, M. S.

USSR/Geophysics - Clays, Concrete Substitute Jun 52

"Use of Reinforced Clays in the Construction of Spillways on Kolkhoz Reservoirs" Docent N. S. Zinenberg

"Gazetka i Misto" No. 6, pp 36-45

Discusses the problem of replacing cement by means of other constructional binding material of local origin, which can be transported but is not in short supply. The construction of thousands of reservoirs and similar works demand considerable quantities of cement, wood, and

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other constructional material difficult to obtain; hence the mentioned problem. Mentions the fact that one part, spillways, of reservoirs for farms can be built of properly strengthened mud. Gives results of investigations on resistance of such mud to washing.

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BERESLAVETS, F.G., inzh.; ZINENKO, A.G., inzh.; KUNIN, I.K., inzh.;
GRIBANOV, I.P., inzh.; PRILIPENKO, Ye.D., inzh.

Iron ore haulage out of the stope by vibrating conveyors. Mat.
1 gornourd. prom. no.3:83-85 My-Je '62. (MIRA 15:9)
(Conveying machinery)

L 44081-66 EWP(k)/EWT(d)/EWT(m)/EWP(w) IJP(c) EM/IV/JT
ACC NR: AP6030746 SOURCE CODE: UR/0198/66/002/008/0059/0063

AUTHOR: Zinenko, G. P. (Dnepropetrovsk)

ORG: Dnepropetrovsk Civil Engineering Institute (Dnepropetrovskiy inzhenerno-stroitel'nyy institut)

TITLE: Stability and vibration of rectangular sandwich plates with large cutouts

SOURCE: Prikladnaya mekhanika, v. 2, no. 8, 1966, 59-63

TOPIC TAGS: sandwich plate, sandwich plate buckling, sandwich plate stability, sandwich plate vibration, sandwich structure, flat plate model, shell structure stability

ABSTRACT: The buckling and free vibration of sandwich plates of symmetrical structure with isotropic face layers and light isotropic cores are analyzed. It is assumed that the Kirchhoff-Love hypothesis is valid for the faces, and that the tangential displacements vary linearly over the core thickness. A system of partial differential equations for buckling and a system for free vibration are each reduced to a pair of equations by introducing two displacement functions. By neglecting the so called "shearing" edge effect described by one of displacement functions, the number of basic equations is reduced to one to determine the buckling load and one for the circular natural frequency of the sandwich plate; the relationships between the displacement components and displacement function are used as supplementary equations. The stability of a rectangular plate is discussed first. The plate has

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ACC NR: AP6030746

a side ratio equal to 1.5, and a square control cutout equal to half of the plate width; the plate is simply supported only at the outer contour, and is subjected to uniform tension or compression along its short sides. The basic equation and the boundary conditions (at the outer contour and at the hole edge) are rewritten in control differences. The solution of the problem for symmetric and asymmetric modes of buckling is outlined, and the results are shown in a diagram. The formula for the buckling load is given, and the effect of the hole size on it is mentioned. The vibrational problem is analyzed (also by using the method of central differences) for three plates: 1) a plate identical to that analyzed in the buckling problem; 2) a square plate with a half-size square concentric hole, and 3) a square plate with a one-third-size square concentric hole. The symmetric and asymmetric free vibrations are discussed, the calculation results are presented in a diagram and compared with results obtained for plates without cutouts. The algorithm for calculating the eigenvalues of matrices on the "Ural-2" electronic digital computer is discussed. Orig. art. has: 4 figures and 12 formulas.

{ [VK]

SUB CODE: 20/ SUBM DATE: 14Feb66/ ORIG REF: 004/ ATD PRESS: 5077

Card 2/2 af

ZINENKO, Petr Fedorovich; SYTYKOV, Mikhail Kirillovich

[Tambov Province; an account of its economic geography] Tambovskaya oblast'; ocherki ekonomicheskoi geografii Tambov, Tambovskoe knizhnoe izd-vo, 1960. 172 p. (MIRA 14:10)
(Tambov Province—Economic geography)

ZINENKO, V. A. (Moskva)

Systematic deflexion of a three-axial gyroscopic platform induced
by its angular vibrations. Izv. AN SSSR. Mekh. i mashinostr. no.
3:79-86 My-Je '64. (MIR 17:7)

L 1157-66
ACCESSION NR: AP5021715

UR/0373/65/MIC/001/0117/0120

AUTHOR: Zinenko, V. A. (Moscow)

TITLE: Drift of a gyrostabilized platform

SOURCE: AN SSSR. Izvestiya. Mekhanika, no. 4, 1965, 117-120

TOPIC TAGS: gyroscope stability, gyroscope system, stable platform, harmonic oscillation

ABSTRACT: Formulae are derived to calculate moments resulting from the action of arbitrarily directed overloads in the presence of static imbalance and unequal rigidity in the construction of gyroscopes. These moments generate drifts in platforms stabilized by three gyroscopes relative to the fixed direction of inertial space. According to precession theory, the three-gyro platform drift can be expressed by

$$M_{\text{dr}} = M_{\text{gyr}} \quad M_{\text{dr}} = M_{\text{gyr}} \quad M_{\text{dr}} = M_{\text{gyr}}$$

To calculate the drift moments the coordinate system in Fig. 1 on the Enclosure is introduced and the longitudinal acceleration \mathbf{W} of the main body is assumed to be directed along Y . The distribution of the three gyroscopes is shown in Fig. 2 on the Enclosure. First, the components of the acceleration \mathbf{W} along the X and Z axes are determined and then the average moments M_{gyr} around the precession axes

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3

L 1157-66
ACCESSION NR: AF5021715

(caused by unequal rigidity) are calculated. Next, the moments are estimated which are generated by residual unbalance between the center of gravity and the overload axis. An example is given for a harmonically oscillating platform base. Orig. drt. has: 31 equations and 2 figures.

ASSOCIATION: none

SUBMITTED: 08Mar64

ENCL: 01

SUB CODE: NG

NO REF Sov: 001

OTHER: 000

Card 2/3

L 11457-66
ACCESSION NR.: AP5021715

ENCLOSURE: Q1

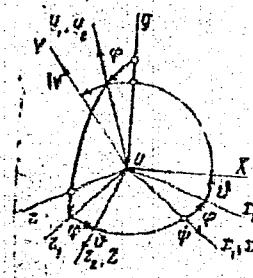


Fig. 1.

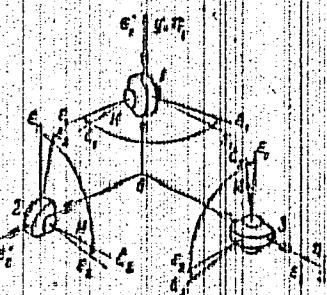


Fig. 2.

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ZINENKO, V.A.; PODKOSHA, G.P.; TERESHCHENKO, A.A.; TKACHENKO, A.P.;
KRASOVSKIY, Yu.P.

Ways of lowering the seismic action of large-scale blasts in
a pit of the Central Ore Dressing Combine. Gor. zhur. no.9:72
S '62.

(MIRA 15:9)
(Krivoy Rog Basin—Blasting)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINENKO, V.A. (Moskva)

Deflections of a gyrostabilized platform. Izv. AN SSSR. Mekh.
no. 4:117-120 Jl-Ag '65.

(MIRA 18:12)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINERKO, V. P. Cand Tech Sci -- (disc) *Cause of
well-drilling and methods of combating distortion in core*
well-drilling and methods of ~~combating~~ ^{of} *with the distortion* Mos, 1957. 11 pp 22 cm.
(Min Higher Ed USSR. Mos Geol-Prospecting Institute im Sverga Ordzhonikidze), 100
copies
(IL, 20-57, 83)

28

ZIMENKO, V.P.

Measures for preventing the deflection of wells in core drilling.
Trudy MOGI 31:33-39 '57. (MIRA 1186)
(Boring)

ZINENKO, V.P.

Purpose and design of heavy bases in core drilling. Razved.i Okh.
nadr 23 no.5:55-57 Ny '57. (MLRA 10:8)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.
(Boring machinery)

VOLKOV, S.A.; ZINENKO, V.P.; KIRSANOV, A.N.

Power of the drive of diamond drill rigs. Razved. i okh. nedr.
28 no.7:28-31 Jl '62. (MIRA 15:8)

1. Moskovskiy geologorazvedochnyy institut.
(Boring machinery—Electric driving)

ZINENKO, V.P.; KIRSANOV, A.N.; MAKEYEV, V.I., red. izd-va;
IYERUSALIMSKAYA, Ye.S., tekhn. red.

[Experimental measurements of the power consumed in core
drilling of test holes] Eksperimental'nye izmereniiia moshch-
nosti, zatrachivaemoi pri kolonkovom burenii razvedochnykh
skvazhin. Moskva, Gosgeotekhizdat, 1961. 48 p.

(Core drilling) (Electric power)

(MIRA 15:11)

9.7000

S/194/61/000/008/013/092
D201/D304

AUTHOR:

Zinenko, V.P.

TITLE:

The possibilities in the application of electrical analogue installation MPT-9 (MFT-9) for determining the frequencies and shapes of free oscillations of elastic systems

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika, no. 8, 1961, 41, abstract 8-B345 (Tr. 1-y Mezhevuz. nauchno-tekhn. konferentsii po elektr. modelirovaniyu zadach stroit. mekhan., soprotivleniya materialov i teorii uprugosti, B.m., Novocherk. politekhn. in-t, 1960, 184-186)

TEXT:

The procedure is given of determining the characteristic number of the equations of the second and fourth order with constant and variable coefficients as applied to the computer MPT-9. The relative solution error is 0.3%. The block diagram of the solu-

VB

Card 1/2

The possibilities in the application... S/194/61/000/008/013/092
D201/D304

tion is given of the second and fourth order equations. 2 figures.
2 references. [Abstracter's note: Complete translation] *VB*

Card 2/2

TYAPUNINA, N.A.; ZINENKOVA, G.M.

Study of dislocations in tabular cadmium single crystals.
Kristallografiia 9 no.6:893-901 N.D '64.

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova. (MIRA 18:2)

ZINEV V. G.
KERENCHENKO, S. M. and ZINEV, V. G.

"¹¹ Mesons Scattering by Hydrogen in the Energy Region 240-330 Mev.,"
paper presented at Annual Internation Conference on High Energy Physics,
CERN, Geneva, 30 Jun - 5 Jul 58.

Laboratory of Nuclear Problems, Joint Institute for Nuclear Research, Dubna, USSR

USSR/Microbiology. Hemoglobinophilic Bacteria. Brucellae

F-5

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 62454

Author : Pashkovskiy A.N., Povolotskaya G.V., Zinenko V.V.
Inst : State Scientific-Control Institute of Veterinary Preparations
Title : Studies of Brucella Antigens in the Reaction of Binding
Complements

Orig Pub : Tr. Gos. nauchno-kontrol'n. in-ta vet. preparatov, 1957, 7,
65-66.

Abstract : No abstract

Card : 1/1

ZINETS, O.S.; PEKA, G.P.; KANKHANIN, Yu.I.

Some aspects of the theory of the luminiscent field effect.
Fiz. tver. tela 6 no.12:3515-3523 D '64 (MIRA 18:2)

l. Kiyevskiy gosudarstvennyy universitet imeni Shevchenko.

ZINOVICH, A.K., student shestogo kursa (Kiiev, ul. Malinina, d.16, kv.5)

Vascular anastomoses in omentonephropexy. Nov.khir.arkh.
no.1:84-87 Ja-F '59. (MIRA 12:6)

1. Kafedra fakul'tetskoy khirurgii (zav. - chlen-korr.AN USSR
prof. I.N.Ishchenko), Lechebnyy fakul'tet Kiievskego meditsin-
skogo instituta.
(BLOOD VESSELS--SURGERY) (OMENTUM) (KIDNEYS--BLOOD SUPPLY)

ZINEVICH,A.M., inzhener

Rheological properties of bitumens and mastics and ways of
improving the protective coating of pipelines. Trudy Akad.
neft. prom. no.2:282-308 '55. (MLRA 8:5)
(Petroleum--Pipelines) (Protective coatings)

ZINEVICH, A.M.

AID P - 3631

Subject : USSR/Engineering

Card 1/1 Pub. 78 - 15/20

Author : Zinevich, A. M.

Title : Insulation of underground pipelines at low temperatures

Periodical : Neft. khoz., v. 33, #10, 83-88, o 1955

Abstract : The author discusses tests made with bituminous paste coverings used as insulation for underground pipelines laid at low temperatures. The required characteristics of such insulation coverings are good adhesiveness to the pipe metal and mechanical resistance (to bending, impact, etc.). Even though the presently - used bituminous paste has proved quite satisfactory, research for new and better insulation materials is advocated. 2 references, 1953.

Institution : None

Submitted : No date

ZINEVICH, A.M., inzh. (Ufa).

Durability of protective coatings for underground steel pipelines.
Stroi. pred. neft. prom. 3 no.4:5-8 Ap '58. (MIRA 11:5)
(Pipelines) (Protective coatings)

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22725

S/095/60/000/012/001/003

A053/A129

AUTHORS: Zinevich, A.M., Kozlovskaya, A.A., Gorshenina, G.I., Engineers

TITLE: Bitumen-polymer insulation materials

PERIODICAL: Stroitel'stvo truboprovodov, no. 12, 1960, 12 - 15

TEXT: In view of the introduction of rubber in bitumen new insulation materials have been developed, such as bitumen-rubber mastic and "brizol". The preparation of such mastics in the field does not permit the properties of rubber to be fully used due to the fact that rubber does not completely devulcanize at a temperature of bitumen processing of 160-180°C. This inconvenience can only be avoided in plant processing by mixing bitumen and rubber at 200-230°C, which forms a cloud of light fractions limiting the access of oxygen to the mass and therefore reduces oxidation of bitumen. Mixing is done by means of superheated steam which intensifies the process of devulcanization and the destruction of rubber crumbs, it also increases viscosity resulting in improved plastic properties. The development of the chemical industry and the production of polymers improved the physico-mechanical properties of insulating coatings by means of a combination of bitumen and polymers. These materials are more economical than

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Bitumen-polymer insulation materials

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AO53/A129

X

polymers and offer greater protection than bitumen. The investigations of the authors tended toward obtaining rubberized bitumen and combinations of it. In the rubberized bitumen rubber is dispersed to a molecular solution; in this process rubber is of prime influence on one or several physical properties of bitumen. It has been observed that while small quantities (0.1 - 1.0%) of rubber produce marked changes in bitumen, larger quantities above 3% render bitumen rubber-like. For the purpose of rubberizing, polyisobutylene and natural rubber were employed, which were introduced in the form of a 5 - 7% solution using green oil or gasoline. Tests were also conducted on the plasticizing effect of polyisobutylene of a molecular weight of 8 - 17,000 and of polydiene. The results of these tests were compared with the most effective plasticizer of the group of light petroleum oil, viz. green oil. It is shown that plastication of bitumen coatings with polymers ensures stability of the viscous state at rising temperature, while the heat-resistance of the mastic increases. In the course of investigations of the structural-mechanical properties of bitumen combined with polymers, viscosity was determined in absolute units by a Geppler instrument. The importance of the characteristics of the structural-mechanical properties of dispersed and high-molecular structures has been established by the works of Academician P.A. Rebiner and Doctor of Technical Sciences N.V. Mikhaylov. At the present time develop-

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A053/A129

Bitumen-polymer insulation materials

ment work is being conducted with a view to establishing a technology of introducing rubber into petroleum asphalt during the process of emulsion-cavitation acidification, which contributes toward a more active reaction between bitumen and polymers. The method ensures economical effectiveness of the process and improves the structural-mechanical properties of the mastic. On the basis of combinations of bitumen with various kinds of rubber, polypropylene and other polymers, it is possible to obtain bitumen with new properties, as in the case of copolymerization of petroleum asphalt with styrene. The same observation can be made in processing butadiene-styrene rubber with styrene. With rising temperature the viscosity of the bitumen hardly changes at all, which confirms its thermostability. The greatest effect was obtained with mechano-chemical combinations, including intermediate products of styrene, polydiene, divinyl rubber (an intermediate product of the polypropylene production) and polypropylene. In these structures plasticity improves as well as the resistance to impact at negative temperatures; the softening temperature lies between 140 and 150°C. There are 4 tables and 2 diagrams.

Card 3/3

ZINEVICH, A.M., inzh.

Objectives in protecting pipelines from corrosion. Stroi.
truboprov. 5 no.4:7-9 Ap '60. (MIRA 13:9)
(Pipelines--Corrosion)

ZEEVICH, A. M., inzh.

Basic conditions for conducting continuous operations during the
winter of 1960/61. Stroi. truboprov. 5 no.9:17-18 S '60.

(MIRA 13:9)

(Pipelines--Cold weather conditions)

ZINEVICH, A.M., inzh.

Rational organization and administration of the laying of
petroleum and gas lines. Stroi. truboprov. 6 no.4:7-8 Ap '61.

(MIRA 14:6)

(Pipelines)

ZINEVICH, A.M., inzh.

First International Congress on the Corrosion of Metals.
Stroi. truboprovod. 6 no.8:29-31 Ag '61. (MIRA 14:8)
(Corrosion and anticorrosives--Congresses)

GLAZKOV, V.I., inzh.; ZINEVICH, A.M., inzh.

Inspection of the quality of the insulation of main pipelines.
Stroi.truboprov. 7 no.9:3-6 S '62. (MIRA 15:11)
(Pipelines) (Corrosion and anticorrosives)

ZINEVICH, A.M.

Properties of protective coatings made from powdered
plastics. Stroi. triboprov. 8 no.9:16-19 S '63.

(MIRA 16:11)

ZINEVICH, A.M., inzh.

Strength of the adhesion of a coating to metal. Trudy VNIIST no.17:80-85 '63.

Protecting the "hot" sections of underground pipelines and the permissible temperature of a bitumen coating on their descent.
Ibid.:86-90 (MIRA 18:3)

ZINEVICH, A. M.

"Modern methods of pipelines corrosion protection."

Report to be submitted for the 9th Intl. Gas Conference, ^{Hague},
1-4 Sept 1964.

TSIKERMAN, L.Ya.; ZINEVICH, A.M.

Kinetics of the aging of the protective coatings of underground pipelines.
Stroi. truboprov. 9 no.10;12-16 O '64. (MIRA 18:7)

ZINEVICH, A.M.

Requirements for bituminous coatings in electrical protection of
pipelines. Stroi. truboprov. 9 no.1:6-10 Ja '64. (MIRA 17:3)

ZINEVICH, A.M.

Contribution of scientific technical progress to a giant
construction project. Stroi. truboprov. 9 no.1238-9 D '64.

I. Vsesoyuznyy nauchno-issledovatel'skiy institut po stritel'-
stvu magistral'nykh truboprovodov. (MIRA 1853)

ZINEVICH, A.M.; SINEGUR, LAVRINKO, A.A.; PAVLOVA, V.G.

Some properties of the surface of polyethylene coatings produced
in an electric field. Plast. massy no. 4:73-76 '65.

(MIRA 1846)

ZINEVICH, A.M.; KOZLOVSKAYA, A.A.

Anti-corrosive material for protecting main petroleum and gas pipelines. Biul. tekhn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform. 18 no.3:19 Mr '65.

(MIRA 18:5)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINEVICH, A.M.; KOZLOVSKAYA, A.A.; RADUSHNOVA, T.A.

Composition and use of the anti-corrosive polydiene-bitumen mastic.
Biul. tekhn.-ekon.inform.Gos. nauch.-issl. inst. nauch. i tekhn. in-
form. 18 no.6:8-9 Je '65. (MIRA 18:7)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

SOV/120-58-2-6/37

AUTHORS: Grushin, V. F. and Zinevich, A.N.

TITLE: On Non-Uniform Collection of Light in a Large Scintillator
(O neodnorodnosti sobiraniya sveta v tsintilllyatore
bol'shego razmera)

PERIODICAL: Pribory i Tekhnika Eksperimenta, 1958, Nr 2, pp 29-31
(USSR)

ABSTRACT: In a number of physical experiments which involve the use of large scintillators, the amount of light collected by the photocathode depends on the position of each scintillation within the scintillator. Quantitatively this phenomenon may be characterised by the maximum deviation from the mean value of the collected light at the photomultiplier. This is defined as "the non-uniformity of light collection". The present work is concerned with designing a scintillator-lightguide system which will reduce the latter quantity to a minimum. The investigation was carried out by measuring the anode current of the photomultiplier when the scintillator was illuminated at different places within its volume. The final form involves a plastic scintillator having a diameter of 50 mm and a thickness of 10 mm attached to a photomultiplier via a transparent light guide. The upper half of

Card 1/2

SGV/120-58-2-6/37

On Non-Uniform Collection of Light in a Large Scintillator.

the light guide is blackened. This reduces to +12% the maximum deviation from the mean amount of light falling on the photocathode of the photomultiplier when the scintillator is illuminated at different places. There are 5 figures, and 4 references, of which 2 are Italian and 2 are Soviet.

ASSOCIATION: Fizicheskiy institut AN SSSR (Physics Institute of the Academy of Sciences of the USSR)

SUBMITTED: August 1, 1957.

Card 2/2

- 1. Phosphors--Performance
- 2. Phosphors--Luminescence
- 3. Luminescence--Measurement
- 4. Photomultipliers--Applications

Zinevich, D.

ZINEVICH, D.

"Hydraulic engineering terminology"; a compilation. Rech.transp.
16 no.10:46-48 0 '57. (MIRA 10:12)
(Hydraulic engineering)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINEVICH, D., kand. tekhn. nauk.

Use stepped slips more effectively. Rech. transp. 23 no.1;
27-29 Ja '64. (MIRA 18:11)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINEVICH, D. I.

POBEDONOSTSEV, Anatoliy Ivanovich; ZINEVICH, D.I., red.; VOLCHOV, K.M.,
tekhn.red.

[Methods for building multitrack slipclocks] Metody stroitel'stva
rechnykh grebenshatykh slipov. Leningrad, Izd-vo "Techno
transport," 1955. 90 p.
(Marine railways)

ZINEVICH, D.I., kand. tekhn. nauk

Simplified method of calculating the stern pressure during
ship trimming operations on ship lifting devices. Trudy
LIVN no.60:21-27 '64. (MIRA 18:2)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINOVICH, D.I., kand. tekhn. nauk.

Experience in constructing slips on foundations composed
of ties and ballast. Rech. transp. 17 no.12:34-36 N '58.

(MIRA 12:1)

(Docks)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINEVICH, D. I.

10634

USER/Heavy Machine Building 4406.0100

OCT 1967

"Concerning the Standardization of Dock Equipment,"
D. I. Zinevich, 5 pp

"Rechnoy Transport" Vol VII, No 9

A discussion of specific dock equipment with analyses
of factors, which either contribute or prevent this
equipment from being used on all docks and being
manufactured after an established pattern. Technical
diagrams and charts included.

LG

10634

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINOVICH, I.N.

Drill chuck with the drill fixed by the drilling force. Stan. 1 instr.
25 no.11:32 N '54.
(Chucks) (MIRA 7:11)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINEVICH, I.N.; KOMANDIROV, G.L.

Equipment for burnishing external cylindrical surfaces. Mashinostroyitel'
no.42-3 Ap '65. (MIRA 18:5)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

Card 1/1 File: 103 - 13/24

Authors : Zinevich, I. N.

Title : Drill chuck with tool fastening by the force of drilling

Periodical : Stan. i instr. II, page 32, Nov 1954

Abstract : The replacement of the conventional three-jawed drill chucks by self-centering drill chucks owing to the fastening of the tool (bit) is accomplished by the force of drilling. This method of fastening tools in drill chucks is announced. Technical drawings of the self-centering drill chucks and their mounting on a drilling machine are given.

Institution : ...

Submitted : ...

ZINEVICH, L.V., agronom (Krasnodar)

Water consumption of irrigated corn in the Kuban. Gidr. i mel. 06 no.1;
8-11 Ja '64. (MIRA 17;2)

VOLODARSKIY, N.I.; ZINEVICH, L.V.

Drought resistance of corn in ontogeny. Fiziol. rast, 7 no.2:216-
219 '60. (MIRA 14:5)

1. Kuban Agricultural Institute, Krasnodar.
(Corn (Maize)---Water requirements))

ZINEVICH, N.I., inzh.; NIKOLAYEV, A.S., inzh.; TIPER, G.D. mechanik

Mobile metal casing. Suggested by N.I.Zinevich, A.S.Nikolaev,
G.D.Tiper. Rats.1 izobr.v stroi. no.9:19-23 '59.

(MIRA 13:1)

1. Po materialam Alma-Atagesstroya, Alma-Ata, ul.Kalinina,
d.12.

(Tunneling-Equipment and supplies)

ZINEVICH, N.I., inzh.

Construction of a high-pressure pipeline at the Alma-Ata Hydroelectric Power Station No. 2. Energ. stroi. no.20:90-94 "61, (MIRA 15:1)

1. Alma-Atagesstroy.
(Alma-Ata Hydroelectric Power Station--Pipelines)

BRICHKIN, A.V., doktor tekhn. nauk; ZINEVICH, N.I.; BABIN, Yu.N., inzh.

Concerning the book by V.M. Mostkov "Making underground structures
of large cross section. Shakht. stroi. 8 no.9t29 S '64.

1. Chlen-korrespondent AN KazSSR (for Brichkin). 2. Glavnnyy
inzh. Kazakhskogo filiala Vsesoyuznogo ordena Lenina proyektno-
iayskatel'skogo i nauchno-issledovatel'skogo instituta imeni
S.Ya. Zhuka (for Zinevich).

(MINA 17;12)

BUSHNITSE, T. [Busnita, T.]; ZINEVICH, V.

Ichthyofauna of the Rumanian sector of the Danube River in the various hydrobiological zones, and their prognosis for future water reservoirs. Rev biol 8 no.3:313-333 '63.

1. Institut biologii im. Tr. Sevulesku Akademii RSR
Limnologicheskaya laboratoriya.

ZINEVICH, V. D.

ZINEVICH, V. D. -- "Theoretical and Experimental Investigation of the Pneumatic Drive of Loading Machinery." Min Higher Education USSR. Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst. Leningrad, 1955. (Dissertation for the Degree of Candidate of Technical Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINOVICH, V.D.

Investigating pneumatic power processes by the similitude method.
Zap. Len. gor. inst. 34 no.1:151-156 '57. (MLRA 10:9)
(Pneumatic machinery) (Dimensional analysis)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINEVICH, V.D., inzh.; KONDRAEV, N.A., inzh.; POPOV, Yu.N., inzh.

Dynamics of a rock loading machine with vibrator bucket.
Nauch.dokl.vys.shkoly; gor.delo. no.4:207-211 '58.

(MIRA 12:1)

1. Predstavleno kafedroy prikladnoy mekhaniki Leningradskogo
gornogo instituta imeni G.V. Plekhanova.
(Mining machinery) (Material handling)

BERSENEV, V.S.; Prinimali uchastiye: ZINEVICH, V.D.; NOROV, V.I.;
MIKHACHEV, V.S.; KAPRALOV, Ye.P.; KOLCHANOV, V.D.; BOGDANOV, A.V.;
OBUKHOVICH, I.I.; OSTROZHINSKIY, A.I.; KHROMOV, M.I.; SIVOCHUE, A.A.

Breaking a solid body with a high-pressure water jet. Zap. LGI
41 no.1:44-51 '59. (MIRA 16:5)
(Jets-Fluid dynamics)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1

ZINEVICH, V.D., kand.tekhn.nauk

Rock drill mechanics. Gor. zhur. no.12:58 D '60. (MIRA 13:12)

1. Leningradskiy gornyy institut.
(Rock drills)

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R002065220003-1"

ZINEVICH, V.D., dosent

Coefficient of efficiency of rock drills. Izv. vys. ucheb. zav.;
gor. zhur. no. 4;105-110 '61. (MIRA 14:6)

1. Lenigradskiy ordena Lenina i ordena Trudovogo Krasnogo
Znameni gornyy institut imeni G.V.Plekhanova. Rekomendovana
kafedroy prikladnoy mekhaniki i grafiki Leningradskogo gornogo
instituta.

(Rock drills)

ZINEVICH, V.D.

Relation between the precision of the manufacture of the component parts and the coefficient of efficiency of screw-type coaxial mechanism. Zap. LGI 47 no.1:12-19 '62. (MIRA 16:5)
(Boring machinery)

ZINEVICH, V.D.; RYABKOV, Ye.D.

Efficient series of pneumatic motors. Zap. LGI 47 no.1:37-41
'62. (MIRA 16:5)
(Pneumatic machinery)

ZINEVICH, V.D., dotsent; RYABKOV, Ye.D., kand.tekhn.nauk

Kinetic statics of the turning mechanism of the PR-2/1 and PR-301
rock drills. Izv.vys.ucheb.zav.;gor.zhur. 7 no.7:110-113 '64.

(MIRA 17:10)

I. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni
gornyy institut imeni Plekhanova. Rekomendovana kafedroy prikladnoy
mekhaniki.

ZINEVICH, V.D., kand. tekhn. nauk; IVANOV, I.P., kand. tekhn. nauk;
RYABKOV, Ye.D., kand. tekhn. nauk

Potentialities of gear driven air motors. Izv. vys. ucheb. zav.;
gor. zhur. 7 no.10:96-100 '64.

(MIRA 18:1)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo Znameni
gornyy institut imeni G.V. Plekhanova. Rekomendovana kafedrey pri-
kladnoy mekhaniki i grafiki Leningradskogo gornogo instituta.

ZINEVICH, V.D., dotsent

Methods of calculating internal processes in air drills.
Izv.vys.ucheb.zav.; gor.zhur. 8 no.11:83-88 '65.

(MIRA 19:1)

1. Leningradskiy ordena Lenina i ordena Trudovogo Krasnogo
Znameni gornyy institut imeni Plekhanova. Rekomendovana
kafedroy prikladnoy mekhaniki. Submitted January 3, 1965.

ZINOVICH, V.I., inzh.-podpolkovnik; KORMASOV, V.A., podpolkovnik

Considering air temperature in high altitude flights.
Vest.Vozd.Fl. no.6:46-50 Je '60. (MIRA 13:7)
(Atmospheric temperature)
(Airplanes--Piloting)

ZINEVICH, V. P., Cand Med Sci -- (diss) "Palliative Operations
in Cancer of the Oesophagus and Cardia." Len, 1957. 16 pp
(Len Pediatric Medical Inst), 200 copies (KL, 47-57, 90)

59

ZINNICH, V.P. (Leningrad, nab. r.Fontanki, d.54, kv. 563)

Use of by-pass anastomosis in cancer of the cardia and esophagus
[with summary in English]. Vest. khir. 80 no.2:31-34 F '58.
(MIRA 11:3)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav.-prof. S.V.Geynats)
Leningradskogo pediatricheskogo meditsinskogo instituta.
(STOMACH NEOPLASMS, surg.
cardial, esophagogastric & esophagojejunal anastomosis (Rus)
(ESOPHAGUS, neoplasms
surg., esophagogastric & esophagojejunal anastomosis (Rus)
(JEJUNUM, surg.
gastrojejunal anastomosis in esophagocardial cancer (Rus)

ZINEVICH, V.P., kand. med. nauk (Leningrad, K-100, Kantemirovskaya ul.,
28, kv.9)

Results of gastric resection by Billroth II method with
short and long loop anastomose. Vest. khir. 92 no.2:
59-63 F '64. (MIRA 17:9)

1. Iz fakul'tetskoy khirurgicheskoy kliniki (zav.- prof.
A.A. Rusanov) Leningradskogo pediatriceskogo meditsinskogo
instituta.

ZINEVICH, Ye. K.

USSR/Cultivated Plants - Fruits, Berries

M-8

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1763

Author : G.V. Tkachenko, Ye.K. Zinevich

Inst : Not Given

Title : The Supplemental Feeding of Grapes with Boron

Orig Pub : Sadovodstvo, vinogradstvo i vinodeliye Moldavii, 1957, No 1,
29-31

Abstract : By spraying a vineyard in the Uzhgorodskiy wine-sovkhoz (in
1955-1956) with 1% solution of boric acid 21 days prior to
florescence and during the phase of mass-blooming, the growth
of the shoots and the inflorescence was increased. The shad-
ding of flowers and the ovary was less than that of the control.
The weight of the bunches and the harvest were increased.

Card : 1/1

ZINGARENKO, G.

18079

USSR/Bridge Construction 4603.0325

May 1947

"Building Bridges during the Current Year," G.
Zingarenko, Gen-Dir Roads and Construction Third
Rank, 8 $\frac{1}{2}$ pp

"Zh-d Transport" No 5

Either total capital restoration or rebuilding 500
large and medium-size bridges necessary in 1947.
Adversely criticizes accomplished projects. Gives
in percentages amounts of specific jobs done and
specific machinery used by Main Administration of
Bridge Building in 1946.

FDR

18079

ZINGARENKO, I.M.; DONTSOV, I.M.

Automatic regulator of the level of tomato concentrate in
evaporators. Kons. 1 ov. prom. 13 no.9:18-19 8 '53,
(MIRA 11:10)

1. Tiraspol'skiy konsernyy zavod imeni 1 Maja.
(Automatic control) (Canning industry--Equipment and supplies)

ZINGEL', I.Ye.

Eliminate the abnormal operation of rotary diffusion apparatus
and vacuum filters. Sakh. prom. 31 no. 5:21-25 My '57. (KIRA 10:6)

1. Krasnyanskiy sakharinyy zavod.
(Diffusers)

(Filters and filtration)

ZINGEL', I.Ye. i POLYAKOV, Yu.M.

Continuous feeding of beat cosslettes into rotary diffusion apparatus.
Sekh. prom. 31 no.6: 33-34 Je '57. (MIRA 10:6)

1. Krasnyanskiy sekharinyy zavod.
(Sugar industry--Equipment and supplies)

ZINGEL', I.Ye.; BOGUSH, R.P.

Device for locating points of air leakage in vacuum apparatus.
Sakh.prom. Jl no.7:37-38 Jl '57. (MLRA 10:8)

1.Krasnyanskiy sakharnyy zavod.
(Vacuum apparatus) (Electric instruments)